



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 3

Test Date: March 2008
Code: 11961461
SAU: MSAD 01
School: Mapleton Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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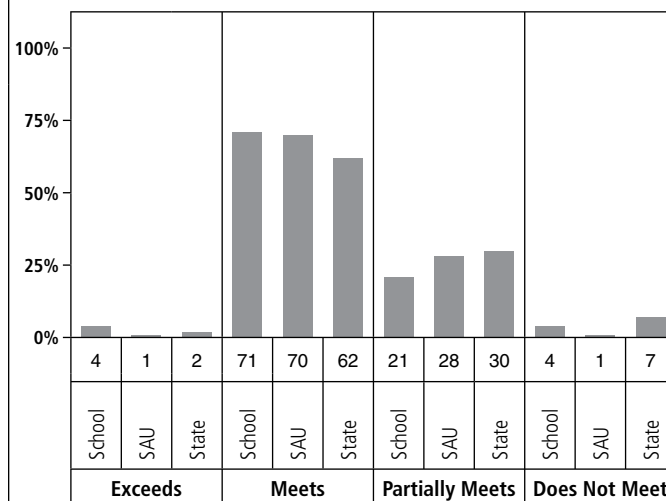
SUMMARY OF SCORES

Test Date: March 2008
Grade: 3
SAU: MSAD 01
School: Mapleton Elementary School

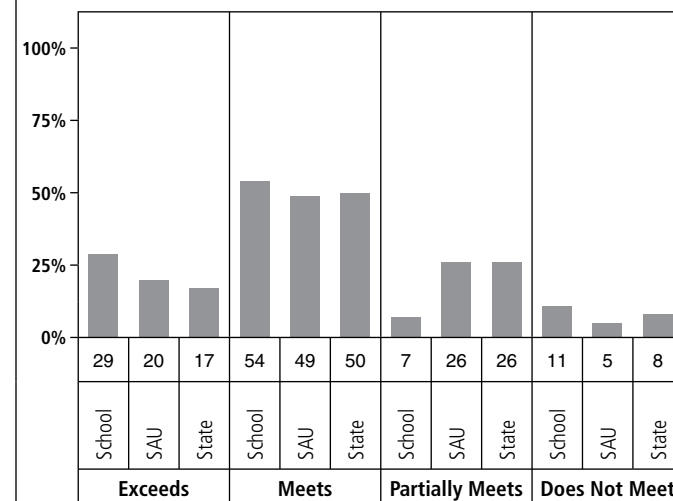
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	347	344	345
2006–2007	345	345	345
2007–2008	348	346	344
Cum. Avg. *	347	345	345
Mathematics			
2005–2006	350	349	344
2006–2007	349	350	347
2007–2008	351	348	347
Cum. Avg. *	350	349	346

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 3
 SAU: MSAD 01
 School: Mapleton Elementary School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	28	100	137	100	13803	100	28	100	137	100	13714	99	28	100	137	100	13710	99												
Ethnicity African American/Black	0	0	3	2	399	3	0	0	3	100	391	98	0	0	3	100	392	98												
American Indian or Native Alaskan	0	0	0	0	116	1	0	0	0	0	114	99	0	0	0	0	114	99												
Asian or Pacific Islander	1	4	2	1	210	2	1	100	2	100	205	98	1	100	2	100	206	98												
Hispanic	0	0	0	0	162	1	0	0	0	0	158	98	0	0	0	0	159	98												
Caucasian/White	27	96	132	96	12916	94	27	100	132	100	12846	100	27	100	132	100	12839	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	6	21	35	26	2358	17	6	100	35	100	2333	99	6	100	35	100	2329	99												
Current LEP	0	0	0	0	371	3	0	0	0	0	357	96	0	0	0	0	361	98												
Economically disadvantaged	15	54	74	54	5584	40	15	100	74	100	5535	99	15	100	74	100	5530	99												
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	15	54	77	56	10650	77	18	64	80	58	10678	77												
Identified disability (PET/IEP)	0	0	2	3	475	4	0	0	2	3	479	4												
LEP	0	0	0	0	151	1	0	0	0	0	149	1												
504 plan	0	0	0	0	83	1	0	0	0	0	85	1												
Participation with accommodations	13	46	60	44	2936	21	10	36	57	42	2911	21												
Identified disability (PET/IEP)	6	46	33	55	1735	59	6	60	33	58	1729	59												
LEP	0	0	0	0	197	7	0	0	0	0	208	7												
504 plan	0	0	0	0	49	2	0	0	0	0	47	2												
Other	7	54	27	45	986	34	4	40	24	42	958	33												
Participation through alternate assessment (PAAP)	0	0	0	0	123	1	0	0	0	0	121	1												
Identified disability (PET/IEP)	0	0	0	0	123	100	0	0	0	0	121	100												
LEP	0	0	0	0	4	3	0	0	0	0	4	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	9	0	0	0	0	0	12	0												
Non-participation – other	0	0	0	0	80	1	0	0	0	0	81	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 3
SAU: MSAD 01
School: Mapleton Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 361–380)	2005-2006	3	8	5	3	352	3
	2006-2007	0	0	2	1	332	2
	2007-2008	1	4	1	1	227	2
	Cum. Total*	4	4	8	2	911	2
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 341–360)	2005-2006	21	55	97	65	8641	62
	2006-2007	25	69	99	69	8691	63
	2007-2008	20	71	96	70	8403	62
	Cum. Total*	66	65	292	68	25735	62
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 331–340)	2005-2006	9	24	25	17	3671	27
	2006-2007	11	31	37	26	3781	27
	2007-2008	6	21	38	28	4018	30
	Cum. Total*	26	25	100	23	11470	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 300–330)	2005-2006	5	13	23	15	1163	8
	2006-2007	0	0	6	4	1021	7
	2007-2008	1	4	2	1	938	7
	Cum. Total*	6	6	31	7	3122	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	46	100	31.0	67.4	29.0	63.0	27.6	60.0
Literary Text	23	50	15.9	69.1	14.8	64.3	14.1	61.3
Informational Text	23	50	15.1	65.7	14.2	61.7	13.5	58.7

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA–READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 3
 SAU: MSAD 01
 School: Mapleton Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	28	1	4	20	71	6	21	1	4	348	137	1	70	28	1	346	13586	2	62	30	7	344
Ethnicity																						
African American/Black	0										3						384	1	42	39	18	339
American Indian or Native Alaskan	0										0						113	2	50	42	5	343
Asian or Pacific Islander	1										2						203	1	60	31	8	344
Hispanic	0										0						158	1	52	36	11	342
Caucasian/White	27	1	4	20	74	5	19	1	4	348	132	1	70	27	2	346	12728	2	63	29	7	345
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	4	67	1	17	339	35	0	31	63	6	340	2210	0	32	48	20	338
No	22	1	5	19	86	2	9	0	0	350	102	1	83	16	0	348	11376	2	68	26	4	346
Current LEP																						
Yes	0										0						348	1	36	45	19	339
No	28	1	4	20	71	6	21	1	4	348	137	1	70	28	1	346	13238	2	63	29	7	344
Economically disadvantaged																						
Yes	15	1	7	8	53	5	33	1	7	345	74	1	57	39	3	344	5450	1	49	39	11	341
No	13	0	0	12	92	1	8	0	0	350	63	0	86	14	0	348	8136	2	71	23	4	346
Migrant																						
Yes	0										0						5	0	80	20	0	343
No	28	1	4	20	71	6	21	1	4	348	137	1	70	28	1	346	13581	2	62	30	7	344
Gender																						
Female	13	1	8	11	85	1	8	0	0	351	68	1	74	25	0	347	6567	3	65	27	5	345
Male	15	0	0	9	60	5	33	1	7	345	69	0	67	30	3	345	7019	1	59	32	8	343
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	0	0	4	67	2	33	0	0	344	42	0	57	43	0	343	2004	0	37	49	14	339
No	22	1	5	16	73	4	18	1	5	349	95	1	76	21	2	347	11582	2	66	26	6	345
Gifted/talented program																						
Yes	0										6	0	100	0	0	355	125	11	87	2	0	355
No	28	1	4	20	71	6	21	1	4	348	131	1	69	29	2	345	13461	2	62	30	7	344

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 3
SAU: MSAD 01
School: Mapleton Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	14	0	0	2	50	1	25	1	25	345	19	0	58	38	4	345	6	0	43	39	18	340
B. less than one hour	82	1	4	17	74	5	22	0	0	348	72	1	77	22	0	347	79	2	65	28	5	345
C. one to two hours	4	0	0	1	100	0	0	0	0	346	7	0	56	44	0	343	12	2	60	31	7	344
D. more than two hours	0										3	0	25	50	25	337	3	0	32	44	24	338
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	25	0	0	5	71	1	14	1	14	345	20	0	67	30	4	346	29	3	62	28	7	345
B. They match some of what I have learned.	57	1	6	11	69	4	25	0	0	350	53	1	82	16	0	348	48	2	67	27	4	345
C. They match just a little of what I have learned.	14	0	0	3	75	1	25	0	0	345	12	0	53	47	0	343	15	1	56	34	9	343
D. There is no match.	4	0	0	1	100	0	0	0	0	344	15	0	45	50	5	341	8	0	44	40	16	340
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	33	0	0	6	67	3	33	0	0	347	32	0	68	32	0	346	42	3	67	24	6	346
B. good	37	1	10	7	70	2	20	0	0	350	45	2	70	26	2	346	46	1	62	32	5	344
C. fair	26	0	0	5	71	1	14	1	14	345	18	0	68	28	4	345	10	0	48	42	10	341
D. poor	4	0	0	1	100	0	0	0	0	350	4	0	83	17	0	346	2	0	30	43	28	336
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	36	1	10	6	60	3	30	0	0	348	23	3	56	38	3	345	22	1	48	38	12	341
B. about the same as my regular schoolwork	46	0	0	10	77	2	15	1	8	348	57	0	76	23	1	346	57	2	68	26	4	346
C. easier than my regular schoolwork	18	0	0	4	80	1	20	0	0	347	20	0	70	30	0	346	21	1	61	30	8	344
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	32	1	11	7	78	1	11	0	0	349	26	3	51	43	3	343	20	0	38	47	16	339
B. Most of the passages were about the same as what I normally read.	36	0	0	7	70	2	20	1	10	348	49	0	75	24	1	346	51	2	68	27	4	345
C. Most of the passages were easier than what I normally read.	32	0	0	6	67	3	33	0	0	346	26	0	80	20	0	347	29	3	69	23	6	346
How much time do you spend reading at home each day?																						
A. more than one hour	36	1	10	6	60	2	20	1	10	347	25	3	68	26	3	346	19	3	65	27	6	346
B. 20 minutes to an hour	32	0	0	7	78	2	22	0	0	347	31	0	79	19	2	347	47	2	68	25	5	346
C. less than 20 minutes	21	0	0	6	100	0	0	0	0	352	18	0	72	28	0	346	19	1	56	35	8	343
D. I rarely read at home.	11	0	0	1	33	2	67	0	0	343	26	0	61	39	0	344	14	0	47	40	12	341
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	25	0	0	4	57	2	29	1	14	345	48	0	64	33	3	345	28	1	56	33	9	343
B. six to ten pages	18	1	20	2	40	2	40	0	0	348	22	3	67	30	0	345	23	1	63	29	7	344
C. eleven or more pages	57	0	0	14	88	2	13	0	0	349	30	0	83	17	0	348	49	2	65	27	6	345
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	100	0	0	0	0	1	100	0	0	338	100	0	0	100	0	338						
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 3
SAU: MSAD 01
School: Mapleton Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 361–380)	2005-2006	6	16	20	13	1295	9
	2006-2007	5	14	24	17	1985	14
	2007-2008	8	29	28	20	2277	17
	Cum. Total*	19	19	72	17	5557	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 341–360)	2005-2006	25	66	94	63	6852	49
	2006-2007	22	61	85	59	6990	51
	2007-2008	15	54	67	49	6764	50
	Cum. Total*	62	61	246	57	20606	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 325–340)	2005-2006	6	16	29	19	4081	29
	2006-2007	7	19	28	19	3673	27
	2007-2008	2	7	35	26	3504	26
	Cum. Total*	15	15	92	21	11258	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 300–324)	2005-2006	1	3	7	5	1638	12
	2006-2007	2	6	7	5	1193	9
	2007-2008	3	11	7	5	1044	8
	Cum. Total*	6	6	21	5	3875	9

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	10.5	70.0	9.7	64.7	9.2	61.3
Cluster 2: Shape and Size	14	29	10.5	75.0	10.3	73.6	10.0	71.4
Cluster 3: Mathematical Decision Making	5	10	3.8	76.0	3.3	66.0	3.2	64.0
Cluster 4: Patterns	14	29	9.1	65.0	8.9	63.6	9.0	64.3

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 3
 SAU: MSAD 01
 School: Mapleton Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	28	8	29	15	54	2	7	3	11	351	137	20	49	26	5	348	13589	17	50	26	8	347
Ethnicity																						
African American/Black	0										3						390	10	30	32	28	337
American Indian or Native Alaskan	0										0						113	7	45	38	10	342
Asian or Pacific Islander	1										2						204	18	48	25	9	347
Hispanic	0										0						159	6	50	31	13	342
Caucasian/White	27	8	30	15	56	2	7	2	7	352	132	20	49	27	5	348	12723	17	50	25	7	348
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	3	50	2	33	1	17	340	35	6	26	54	14	339	2208	6	35	37	21	338
No	22	8	36	12	55	0	0	2	9	354	102	25	57	16	2	352	11381	19	53	24	5	349
Current LEP																						
Yes	0										0						357	8	29	37	26	336
No	28	8	29	15	54	2	7	3	11	351	137	20	49	26	5	348	13232	17	50	25	7	348
Economically disadvantaged																						
Yes	15	2	13	10	67	1	7	2	13	347	74	12	47	34	7	345	5452	9	45	33	12	343
No	13	6	46	5	38	1	8	1	8	356	63	30	51	16	3	353	8137	22	53	21	4	350
Migrant																						
Yes	0										0						5	0	40	40	20	337
No	28	8	29	15	54	2	7	3	11	351	137	20	49	26	5	348	13584	17	50	26	8	347
Gender																						
Female	13	3	23	8	62	0	0	2	15	351	68	19	49	25	7	347	6565	15	49	27	8	347
Male	15	5	33	7	47	2	13	1	7	352	69	22	49	26	3	350	7024	18	50	24	7	348
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	1	17	3	50	0	0	2	33	345	42	7	52	33	7	345	2004	5	39	41	15	339
No	22	7	32	12	55	2	9	1	5	353	95	26	47	22	4	350	11585	19	52	23	6	349
Gifted/talented program																						
Yes	0										6	100	0	0	0	366	125	70	30	0	0	366
No	28	8	29	15	54	2	7	3	11	351	131	17	51	27	5	348	13464	16	50	26	8	347

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 3
SAU: MSAD 01
School: Mapleton Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	14	2	50	0	0	1	25	1	25	346	19	19	35	38	8	345	6	9	40	33	18	340
B. less than one hour	82	6	26	15	65	1	4	1	4	353	72	22	56	19	2	351	79	18	52	24	6	348
C. one to two hours	4	0	0	0	0	0	0	1	100	322	7	11	22	56	11	341	12	16	48	27	8	347
D. more than two hours	0										3	0	25	25	50	324	3	7	26	37	29	335
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	50	3	21	9	64	2	14	0	0	353	37	24	61	14	2	352	37	22	50	22	6	350
B. They match some of what I have learned.	36	4	40	5	50	0	0	1	10	353	37	25	49	24	2	351	46	16	53	25	6	348
C. They match just a little of what I have learned.	14	1	25	1	25	0	0	2	50	342	19	12	35	38	15	342	12	9	44	36	11	342
D. There is no match.	0										7	0	22	67	11	336	5	5	32	36	27	336
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	41	3	27	7	64	1	9	0	0	353	38	31	50	19	0	353	39	25	48	20	7	350
B. good	37	2	20	5	50	1	10	2	20	347	43	12	49	29	10	345	46	14	52	27	7	347
C. fair	22	3	50	2	33	0	0	1	17	354	15	25	45	25	5	349	12	8	49	35	9	343
D. poor	0										4	0	40	60	0	342	3	2	34	36	29	335
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	29	3	38	3	38	1	13	1	13	350	22	17	33	40	10	344	17	7	41	35	17	340
B. about the same as my regular schoolwork	29	1	13	5	63	0	0	2	25	345	50	16	56	22	6	348	59	18	53	24	5	349
C. easier than my regular schoolwork	43	4	33	7	58	1	8	0	0	356	28	31	49	21	0	354	25	21	49	23	8	349
How often do you use hands-on materials in mathematics class?																						
A. almost every day	39	2	18	6	55	1	9	2	18	347	39	15	47	28	9	346	32	13	47	30	10	345
B. two or three days a week	29	4	50	4	50	0	0	0	0	359	29	26	49	26	0	350	30	20	52	23	5	349
C. two or three times each month	7	1	50	1	50	0	0	0	0	360	15	30	45	20	5	351	19	20	53	21	6	350
D. never or almost never	25	1	14	4	57	1	14	1	14	347	18	17	54	25	4	349	18	16	50	27	8	347
How often do you use calculators in mathematics class?																						
A. almost every day	14	2	50	1	25	0	0	1	25	349	10	15	23	38	23	337	7	5	34	40	20	338
B. two or three days a week	25	3	43	3	43	0	0	1	14	353	32	26	44	26	5	349	18	15	50	27	8	346
C. two or three times each month	32	3	33	6	67	0	0	0	0	358	30	22	54	22	2	351	28	21	53	21	4	350
D. never or almost never	29	0	0	5	63	2	25	1	13	343	29	15	59	23	3	349	47	17	50	25	7	347
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	7	0	0	2	100	0	0	0	0	354	21	11	57	29	4	347	16	8	42	36	13	342
B. 30–45 minutes	14	0	0	3	75	0	0	1	25	344	35	15	51	30	4	348	30	14	53	26	7	347
C. 45–60 minutes	32	5	56	3	33	1	11	0	0	355	25	32	44	18	6	350	32	22	51	22	5	350
D. more than 60 minutes	46	3	23	7	54	1	8	2	15	351	19	27	46	19	8	350	22	20	49	23	7	349
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	100	0	0	0	0	0	0	1	100	324	100	0	0	0	100	324						
D.	0										0											